

Publication

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Application

EP 92905103 A 19920224

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- JP 9101685 W 19911203
- JP 9200191 W 19920224

Abstract (en)

[origin: WO9221964A1] A method of flux detection, in which a low-pass filter (107) picks up low-frequency signal components of an output signal (106) from a magnetic flux sensor (104) for detecting leakage flux caused by magnetically abnormal portion of a body (101) that is moving in a magnetic field, the low-frequency signal components are amplified and applied to a compensation coil (111), and stray flux intersecting the flux sensor (104) is cancelled by the magnetic flux generated by the compensation coil (111). A magnetic flux detector comprises a low-pass filter (107) which picks up low-frequency signal components of an output signal (106) from a magnetic flux sensor (104) for detecting leakage flux caused by magnetically abnormal portion of a body (101) that is moving in a magnetic field, an amplifier (110) for amplifying the low-frequency signal components picked up by the low-pass filter (107), and a compensation coil (111) which is excited by the output signal of the amplifier (110) and which generates a magnetic flux to cancel the stray flux originating from the body (101) and intersecting the magnetic flux sensor (104).

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9221964A1

Cited by

CN109725052A; CN102495131A; EP0845672A1; EP4012819A4; US6057684A; EP0801304A4; US11828811B2

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